

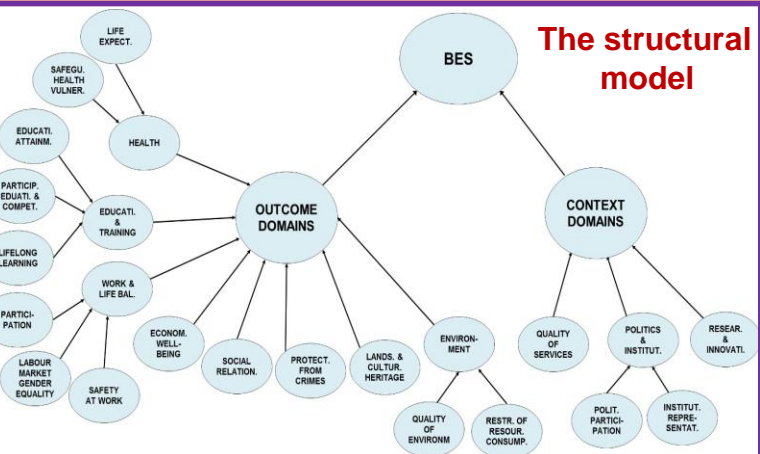
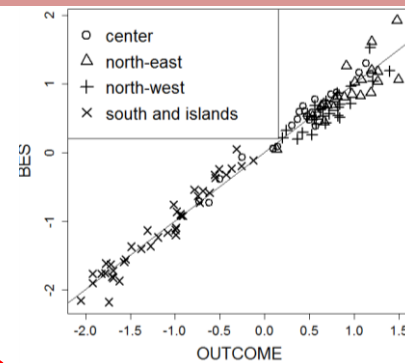
BES Quantile composite-based Path Modeling (NUTS3)

- Measuring partial and global composite indicators (CIs) and the strength of their relationships
- Assessing the indicator contribution to partial and global CIs on average and for different levels of the CI

Aims

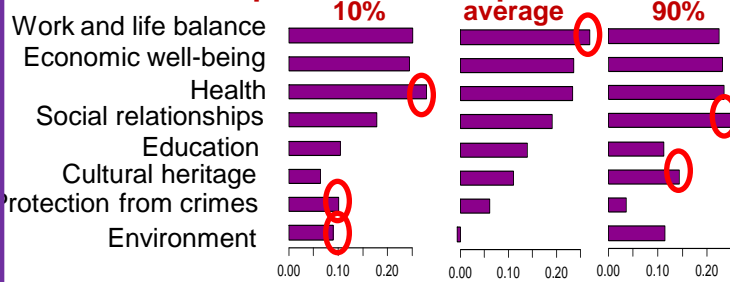
BES (standardised)	Average	Variability
North-west	0.71	0.40
North-east	0.94	0.34
Center	0.38	1.36
South +Islands	-1.14	0.47

BES/OUTCOME at NUTS3

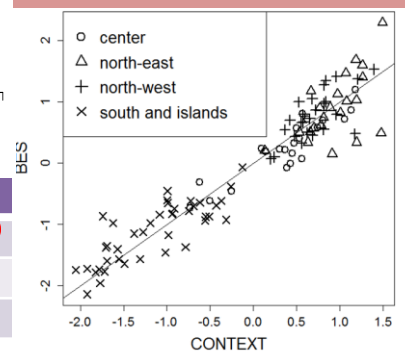


The structural model

Outcome composites across quantile



BES/CONTEXT at NUTS3



Context composites across quantile

Domains	10%	average	90%
Research and Innovation	0.14	0.24	0.39
Political Institutions	0.39	0.35	0.29
Quality of Services	0.55	0.54	0.29

- Hierarchical construct model (Lohmöller, J.-B., 1989)
- Partial Least Squares Path Modeling (Wold, H., 1982)
- Quantile Composite-based Path Modeling (Davino, C., Esposito Vinzi, V., 2016)

Methods

Data: Provinces' Bes dataset (2014)

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